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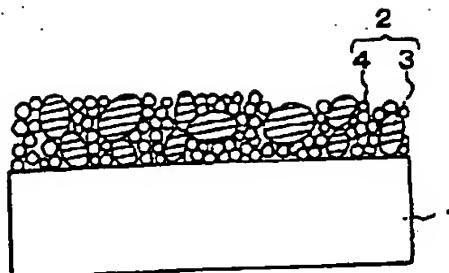
APPLICATION DATE : 18-06-90
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TITLE : MANUFACTURE OF ELECTRODE



ABSTRACT : PURPOSE: To accomplish a fuel cell with stable quality at a low cost by forming a paste from a powder of metal or metal oxide, extra-fine particles of zol-state oxidated substance, and an organic solvent, applying this paste to the surface of electrolyte consisting of stabilized zirconia, and subjecting it to baking process.

CONSTITUTION: A paste consisting of a powder 3 of metal or metal oxide, extra-fine particles of zol-state oxidated substance, and organic solvent is applied to the surface of an electrolyte 1 consisting of stabilized zirconia, followed by baking. Examples of the metal are Ni, Co, Fe, Pt, Cr, Ag, and an alloy or combination thereof. Examples of oxidated substance are yttria-stabilized zirconia, Ca-stabilized zirconia, Zr oxide, alumina, magnesia, and a mixture thereof.

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